

Author Index to Volume 200

- Ahlrichs, R., see D. Bakowies 200 (1992) 411
- Ando, Y., see Y. Saito 200 (1992) 643
- Apkarian, V.A., see M.W. Hill 200 (1992) 251
- Armenise, I., M. Capitelli, E. Garcia, C. Gorse, A. Laganà and S. Longo, Deactivation dynamics of vibrationally excited nitrogen molecules by nitrogen atoms. Effects on non-equilibrium vibrational distribution and dissociation rates of nitrogen under electrical discharges 200 (1992) 597
- Arnold, S. and M. Sulkes, Fluorescence lifetimes of jet-cooled carbonyl-substituted indoles. Evidence of intramolecular charge transfer quenching 200 (1992) 125
- Atkinson, J.B., see W. Kedzierski 200 (1992) 103
- Azinović, D., see M.C. Van Hemert 200 (1992) 97
- Baer, R. and R. Kosloff, Obtaining the excited-state potential by inversion of photodissociation absorption spectra 200 (1992) 183
- Bakowies, D., M. Kolb, W. Thiel, S. Richard, R. Ahlrichs and M.M. Kappes, Quantum-chemical study of C_{84} fullerene isomers 200 (1992) 411
- Balasubramanian, K., Comment on nuclear spin weights of $^{12}C_{60}$ and $^{13}C_{60}$ buckminsterfullerene 200 (1992) 649
- Bales, B.L. and C. Stenland, The spin probe-sensed polarity of sodium dodecyl sulfate micelles is proportional to the one-fourth power of the surfactant concentration 200 (1992) 475
- Bandrauk, A.D., J.-M. Gauthier and J.F. McCann, Laser control of predissociation by (2+4)-photon interference 200 (1992) 399
- Bapat, S.V., see R.N. Shirsat 200 (1992) 373
- Barnes, J.A., C. Douketis, J.G. Gibson and T.E. Gough, Anomalous line intensities in the FTIR spectra of expanding jets 200 (1992) 274
- Barsky, D., B. Pütz, K. Schulten, J. Schoeniger, E.W. Hsu and S. Blackband, Diffusional edge enhancement observed by NMR in thin glass capillaries 200 (1992) 88
- Bart, E., A. Meltsin and D. Huppert, Static and dynamic solvation measurements of excited large dipole in molten salt 200 (1992) 592
- Bartlett, R.J., see J.D. Watts 200 (1992) 1
- Bassi, D., see P. Tosi 200 (1992) 483
- Baumert, T., V. Engel, C. Meier and G. Gerber, High laser field effects in multiphoton ionization of Na_2 . Experiment and quantum calculations 200 (1992) 488
- Bennati, M., A. Grupp, M. Mehring, K.P. Dinse and J. Fink, Pulsed EPR on the photoexcited triplet state of C_{60} fullerene 200 (1992) 440
- Benoist d'Azy, O., see L. Krim 200 (1992) 267
- Bentley, J., Theoretical study of lithium cation interactions with hydrocarbon radicals 200 (1992) 518
- Billing, G.D. and R.E. Kolesnick, Vibrational relaxation of oxygen. State to state rate constants 200 (1992) 382
- Bishop, D.M. and S.M. Cybulski, Calculation of dynamic magnetic hyperpolarizability anisotropies for He, Ne and Ar 200 (1992) 153

Author Index to Volume 200

- Ahlrichs, R., see D. Bakowies 200 (1992) 411
- Ando, Y., see Y. Saito 200 (1992) 643
- Apkarian, V.A., see M.W. Hill 200 (1992) 251
- Armenise, I., M. Capitelli, E. Garcia, C. Gorse, A. Laganà and S. Longo, Deactivation dynamics of vibrationally excited nitrogen molecules by nitrogen atoms. Effects on non-equilibrium vibrational distribution and dissociation rates of nitrogen under electrical discharges 200 (1992) 597
- Arnold, S. and M. Sulkes, Fluorescence lifetimes of jet-cooled carbonyl-substituted indoles. Evidence of intramolecular charge transfer quenching 200 (1992) 125
- Atkinson, J.B., see W. Kedzierski 200 (1992) 103
- Azinović, D., see M.C. Van Hemert 200 (1992) 97
- Baer, R. and R. Kosloff, Obtaining the excited-state potential by inversion of photodissociation absorption spectra 200 (1992) 183
- Bakowies, D., M. Kolb, W. Thiel, S. Richard, R. Ahlrichs and M.M. Kappes, Quantum-chemical study of C_{84} fullerene isomers 200 (1992) 411
- Balasubramanian, K., Comment on nuclear spin weights of $^{12}C_{60}$ and $^{13}C_{60}$ buckminsterfullerene 200 (1992) 649
- Bales, B.L. and C. Stenland, The spin probe-sensed polarity of sodium dodecyl sulfate micelles is proportional to the one-fourth power of the surfactant concentration 200 (1992) 475
- Bandrauk, A.D., J.-M. Gauthier and J.F. McCann, Laser control of predissociation by (2+4)-photon interference 200 (1992) 399
- Bapat, S.V., see R.N. Shirsat 200 (1992) 373
- Barnes, J.A., C. Douketis, J.G. Gibson and T.E. Gough, Anomalous line intensities in the FTIR spectra of expanding jets 200 (1992) 274
- Barsky, D., B. Pütz, K. Schulten, J. Schoeniger, E.W. Hsu and S. Blackband, Diffusional edge enhancement observed by NMR in thin glass capillaries 200 (1992) 88
- Bart, E., A. Meltsin and D. Huppert, Static and dynamic solvation measurements of excited large dipole in molten salt 200 (1992) 592
- Bartlett, R.J., see J.D. Watts 200 (1992) 1
- Bassi, D., see P. Tosi 200 (1992) 483
- Baumert, T., V. Engel, C. Meier and G. Gerber, High laser field effects in multiphoton ionization of Na_2 . Experiment and quantum calculations 200 (1992) 488
- Bennati, M., A. Grupp, M. Mehring, K.P. Dinse and J. Fink, Pulsed EPR on the photoexcited triplet state of C_{60} fullerene 200 (1992) 440
- Benoist d'Azy, O., see L. Krim 200 (1992) 267
- Bentley, J., Theoretical study of lithium cation interactions with hydrocarbon radicals 200 (1992) 518
- Billing, G.D. and R.E. Kolesnick, Vibrational relaxation of oxygen. State to state rate constants 200 (1992) 382
- Bishop, D.M. and S.M. Cybulski, Calculation of dynamic magnetic hyperpolarizability anisotropies for He, Ne and Ar 200 (1992) 153

Blackband, S., see D. Barsky	200 (1992) 88
Bo, C., see M. Costas	200 (1992) 8
Bodenhausen, G., see H. Geen	200 (1992) 350
Borondo, F., see J. Damas	200 (1992) 587
Botschwina, P., M. Horn, S. Seeger and J. Flügge, A theoretical investigation of HC ₂ NC and HNC ₃ , Chem. Phys. Letters 195 (1992) 427. Erratum	200 (1992) 651
Bowman, J.M. and B. Gazdy, Variational calculations of bound and quasi-bound states of HCO (<i>J</i> =0 and 1) and comparison with experiment	200 (1992) 311
Bowman, M.K., see L.X. Chen	200 (1992) 290
Bradley, D.D.C., see A.R. Brown	200 (1992) 46
Braga, M. and S. Larsson, Correlation effects in the electronic coupling between π electrons through a cyclohexane spacer	200 (1992) 573
Bressanini, D., E.S. Fois, A. Gamba and G. Morosi, Charge layering in polar liquids	200 (1992) 333
Brewer, J.H., see V. Storchak	200 (1992) 546
Brown, A.R., N.C. Greenham, J.H. Burroughes, D.D.C. Bradley, R.H. Friend, P.L. Burn, A. Kraft and A.B. Holmes, Electroluminescence from multilayer conjugated polymer devices: spatial control of exciton formation and emission	200 (1992) 46
Bryant, G., Y. Jiang and E. Grant, The vibrational structure of the NO ₂ cation	200 (1992) 495
Bu, H., see C.D. Roux	200 (1992) 60
Burn, P.L., see A.R. Brown	200 (1992) 46
Burroughes, J.H., see A.R. Brown	200 (1992) 46
Busch, T. and W.W. Schoeller, Bridging in P ₂ R cations	200 (1992) 26
Cao, Y., see C. Halvorson	200 (1992) 364
Capitelli, M., see I. Armenise	200 (1992) 597
Cardini, G., P. Procacci, P.R. Salvi and V. Schettino, Vibrational properties of Xe-fullerene adducts. A molecular dynamics approach	200 (1992) 39
Cardini, G. and V. Schettino, A molecular dynamics study of the isotopic substitution effects on the lineshape of an internal mode in a molecular crystal	200 (1992) 552
Castleman Jr., A.W., see Z. Shi	200 (1992) 142
Ceraolo, P., see L. Krim	200 (1992) 267
Chakrabarti, S., see U.K. Sarkar	200 (1992) 55
Chen, L.X., M.K. Bowman, M.C. Thurnauer, F.W. Lytle and J.R. Norris, Molecular structure of nickelcyclopentadienylnitrosyl in condensed phases studied by EXAFS	200 (1992) 290
Chergui, M., see V. May	200 (1992) 325
Chow, K., see V. Storchak	200 (1992) 546
Chuang, C.-C., see R.W. Randall	200 (1992) 113
Chupka, W.A., see Y. Wang	200 (1992) 192
Coiro, V.M., see A. Panatta	200 (1992) 130
Collins, M.A., see I.B. Talanina	200 (1992) 318
Comita, P.B., see R. Zhang	200 (1992) 297
Costas, M., C. Bo and J.M. Poblet, The Laplacian of charge density for binuclear complexes. A SCF study of V ₂ (μ - η^2 S ₂) ₂ (S ₂ CH) ₄	200 (1992) 8
Cybulski, S.M., see D.M. Bishop	200 (1992) 153
Dagdigian, P.J., see X. Yang	200 (1992) 217
Dai Hung, N., see L. Krim	200 (1992) 267

- Damas, J., F. Martin and F. Borondo, Dynamical couplings of the predissociative $n=3$ triplet gerade complex of H_2 200 (1992) 587
- Dang, L.X., Fluoride-fluoride association in water from molecular dynamics simulations 200 (1992) 21
- Dinse, K.P., see M. Bennati 200 (1992) 440
- Dmitrijev, O., see P. Tosi 200 (1992) 483
- Domcke, W., see G. Stock 200 (1992) 163
- Dong, R.Y. and G.M. Richards, Coupled motional model for spin relaxation in 5CB liquid crystal 200 (1992) 541
- Douketis, C., see J.A. Barnes 200 (1992) 274
- Drabbels, M., S. Stolte and G. Meijer, Production of an intense pulsed beam of oriented metastable $CO\ a^3\Pi$ 200 (1992) 108
- Dubicki, L., see I.B. Talanina 200 (1992) 318
- Dunlap, B.I., see O.D. Häberlen 200 (1992) 418
- Düren, R., see M.C. Van Hemert 200 (1992) 97
- El-Basil, S., Combinatorial properties of some macrocyclic polyhex systems 200 (1992) 179
- Ellermann, T., O.J. Nielsen and H. Skov, Absolute rate constants for the reaction of NO_3 radicals with a series of dienes at 295 K 200 (1992) 224
- Engel, V., see T. Baumert 200 (1992) 488
- Figari, G., see V. Magnasco 200 (1992) 337
- Fink, J., see M. Bennati 200 (1992) 440
- Flügge, J., see P. Botschwina 200 (1992) 651
- Fois, E.S., see D. Bressanini 200 (1992) 333
- Ford, J.V., see Z. Shi 200 (1992) 142
- Frank, U.E., see W. Hüttner 200 (1992) 342
- Freiser, B.S., see Y.A. Ranasinghe 200 (1992) 135
- Friend, R.H., see A.R. Brown 200 (1992) 46
- Fujiki, M., Structural defects in poly(methylphenylsilylene), Chem. Phys. Letters 198 (1992) 177. Erratum 200 (1992) 342
- Gadre, S.R., see R.N. Shirsat 200 (1992) 373
- Gamba, A., see D. Bressanini 200 (1992) 333
- Garcia, E., see I. Armenise 200 (1992) 597
- Gauss, J., see J.D. Watts 200 (1992) 1
- Gauthier, J.-M., see A.D. Bandrauk 200 (1992) 399
- Gazdy, B., see J.M. Bowman 200 (1992) 311
- Gebhard, S.C., see J.M. Heitzinger 200 (1992) 65
- Geen, H., M.H. Levitt and G. Bodenhausen, Preparing initial conditions for rotational resonance in solid state NMR spectroscopy 200 (1992) 350
- Gerber, G., see T. Baumert 200 (1992) 488
- Gharavi, A. and G.L. McPherson, Up-conversion luminescence from simultaneously excited pairs of Tm^{3+} ions in $CsMgCl_3$ crystals 200 (1992) 279
- Gibson, J.G., see J.A. Barnes 200 (1992) 274
- Gordillo, M.C. and C.P. Herrero, Temperature dependence of the Si, Al distribution in ultramarines 200 (1992) 424
- Gordon, M.S., see S. Koseki 200 (1992) 303

Gorse, C., see I. Armenise	200 (1992) 597
Gotkis, I., see C. Lifshitz	200 (1992) 406
Gough, T.E., see J.A. Barnes	200 (1992) 274
Grant, E., see G. Bryant	200 (1992) 495
Greenham, N.C., see A.R. Brown	200 (1992) 46
Grupp, A., see M. Bennati	200 (1992) 440
Häberlen, O.D., N. Rösch and B.I. Dunlap, Are endohedral metal(IV) C_{28} compounds hypervalent?	200 (1992) 418
Hagler, T.W., see C. Halvorson	200 (1992) 364
Haiss, W., D. Lackey, J.K. Sass, H. Meyer and R.J. Nichols, A determination of copper overlayer structures on Au(111) in the presence of electrolyte additives	200 (1992) 343
Halvorson, C., T.W. Hagler, D. Moses, Y. Cao and A.J. Heeger, Conjugated polymers with degenerate ground state. The route to high performance third-order nonlinear optical response	200 (1992) 364
Hardy, W.N., see V. Storchak	200 (1992) 546
Harima, Y., M. Miyatake and K. Yamashita, Synergism in photocurrent induced by simultaneous illumination of porphyrin solids with visible and near-infrared lights	200 (1992) 263
Hashimoto, S., Y. Matsumi and M. Kawasaki, $OH(A^2\Sigma^+)$ fragment emission from reaction of electronically excited $Xe(6p)$ with H_2O under free jet and bulb conditions	200 (1992) 624
He, H., W. Kolodziejski and J. Klinowski, NMR studies of the molecular sieve VPI-5 containing only "framework" water	200 (1992) 83
Hebert, T., U. Schriever and D.M. Kolb, VIS-VUV spectroscopic study of the reaction between Al and N_2O isolated in solid krypton	200 (1992) 258
Heeger, A.J., see C. Halvorson	200 (1992) 364
Heiland, W., see K. Schmidt	200 (1992) 465
Heitzinger, J.M., S.C. Gebhard and B.E. Koel, Chemisorption of hydrogen on ultrathin Pd films on Mo(100)	200 (1992) 65
Herrero, C.P., see M.C. Gordillo	200 (1992) 424
Herron, N., see Y. Wang	200 (1992) 71
Hill, M.W., R. Zadayan and V.A. Apkarian, Two- and three-photon pumped exciton-induced chemistry in liquid Kr	200 (1992) 251
Hippler, M., see M.R.S. McCoustra	200 (1992) 451
Ho, K.M., see X.-Q. Wang	200 (1992) 35
Holmes, A.B., see A.R. Brown	200 (1992) 46
Horiki, Y., see T. Kaya	200 (1992) 435
Horn, M., see P. Botschwina	200 (1992) 651
Hsu, E.W., see D. Barsky	200 (1992) 88
Huie, R.E., see Z. Zhang	200 (1992) 230
Huppert, D., see E. Bart	200 (1992) 592
Hüttner, W., U.E. Frank and P. Nowicki, The (000^{01}) vibrational g factor of ammonia, $^{15}NH_3$, Chem. Phys. Letters, 196 (1992) 614. Erratum	200 (1992) 342
Illas, F., see J. Rubio	200 (1992) 559
Inagaki, M., see Y. Saito	200 (1992) 643
Ishikawa, M., see K. Komaguchi	200 (1992) 580

- Jemmis, E.D., see G. Subramanian 200 (1992) 567
- Jiang, Y., see G. Bryant 200 (1992) 495
- Jones II, G. and M.A. Rahman, Fluorescence energy transfer between coumarin laser dyes co-bound to poly(methacrylic acid) in water 200 (1992) 241
- Jouvet, C., see L. Krim 200 (1992) 267
- Kaminskii, A.A., see R. Moncorge 200 (1992) 635
- Kappes, M.M., see D. Bakowies 200 (1992) 411
- Kawasaki, M., see S. Hashimoto 200 (1992) 624
- Kaya, T., Y. Horiki, M. Kobayashi, H. Shinohara and H. Sato, Intensity gaps in $M^+(\text{CH}_3\text{OH})_n$ as studied by laser ablation-molecular beam method 200 (1992) 435
- Kedzierski, W., J.B. Atkinson and L. Krause, Laser spectroscopy of the $^3\Sigma_u^+$ (4^3P , 4^3P) state of Zn_2 200 (1992) 103
- Kimura, M., Correlation between the carbon K-shell X-ray emission rates in molecules and their π bond order 200 (1992) 524
- Kinoshita, M., see T. Sugano 200 (1992) 235
- Kirillov, S.A., Fitting the stretched exponential model to experimental time correlation functions of vibrational dephasing 200 (1992) 205
- Kjellander, R. and D.J. Mitchell, An exact but linear and Poisson-Boltzmann-like theory for electrolytes and colloid dispersions in the primitive model 200 (1992) 76
- Klinowski, J., see H. He 200 (1992) 83
- Klots, C.E., see P. Sandler 200 (1992) 445
- Kobayashi, M., see T. Kaya 200 (1992) 435
- Koel, B.E., see J.M. Heitzinger 200 (1992) 65
- Kolb, D.M., see T. Hebert 200 (1992) 258
- Kolb, M., see D. Bakowies 200 (1992) 411
- Kolesnick, R.E., see G.D. Billing 200 (1992) 382
- Köllner, M. and J. Wolfrum, How many photons are necessary for fluorescence-lifetime measurements? 200 (1992) 199
- Kolodziejski, W., see H. He 200 (1992) 83
- Komaguchi, K., M. Shiotani, M. Ishikawa and K. Sasaki, Structure and ring-puckering motion of the σ -localized silacyclobutane radical cation: ESR evidence 200 (1992) 580
- Koseki, S., M.S. Gordon and M.W. Schmidt, Theoretical investigation of the dissociation of bridged disilyne 200 (1992) 303
- Kosloff, R., see R. Baer 200 (1992) 183
- Kraft, A., see A.R. Brown 200 (1992) 46
- Krause, L., see W. Kedzierski 200 (1992) 103
- Krausz, E., see I.B. Talanina 200 (1992) 318
- Kreitzman, S.R., see V. Storchak 200 (1992) 546
- Krim, L., P. Qiu, C. Jouvet, C. Lardeux-Dedonder, J.G. McCaffrey, B. Soep, D. Solgadi, O. Benoist d'Azy, P. Ceraolo, N. Dai Hung, M. Martin, Y. Meyer, . and J.P. Visticot, Picosecond dynamics observed on weakly attractive potential energy surfaces. Dissociation dynamics and vibrational recurrences of the mercury-argon van der Waals complex 200 (1992) 267
- Kudriavtsev, N.N., A.M. Sukhov and D.P. Shamshev, NF_3 decomposition behind shock waves in the intermediate pressure range 200 (1992) 640

Kumar, A., R.K. Vatsa, P.D. Naik, K.V.S. Rama Rao and J.P. Mittal, Time-resolved infrared fluorescence from an IR multiphoton dissociation product of trifluoroacetic anhydride	200 (1992) 283
Kurylo, M.J., see Z. Zhang	200 (1992) 230
Lackey, D., see W. Haiss	200 (1992) 343
Laganà, A., see I. Armenise	200 (1992) 597
Lardeux-Dedonder, C., see L. Krim	200 (1992) 267
Larsson, S., see M. Braga	200 (1992) 573
Laskin, J., see C. Lifshitz	200 (1992) 406
Lavtchieva, L. and Z. Smedarchina, Reply to the Comment on "Generalized golden rule treatment of a photochemical solid-state reaction involving hydrogen tunneling"	200 (1992) 432
Law, K.-Y., Origin of the multiple fluorescence emission of unsymmetrical squaraines	200 (1992) 121
Lee, T.J., see J.M.L. Martin	200 (1992) 502
Le Sech, C., Simple correlated wavefunction for two-electron diatomic molecules. Application to H_2 and He_2^+ systems	200 (1992) 369
Lester, M.I., see R.W. Randall	200 (1992) 113
Levitt, M.H., see H. Geen	200 (1992) 350
Li, X., see M.C. Van Hemert	200 (1992) 97
Lifshitz, C., I. Gotkis, P. Sandler and J. Laskin, Is the resilience of C_{60}^+ towards decomposition a question of time?	200 (1992) 406
Lifshitz, C., see P. Sandler	200 (1992) 445
Liu, Q., see E.D. Potter	200 (1992) 605
Longo, S., see I. Armenise	200 (1992) 597
Lytle, F.W., see L.X. Chen	200 (1992) 290
Magnasco, V., G. Figari and A. Siciliano, Variationally improving the Guillemin-Zener wavefunction for H_2^+	200 (1992) 337
Malrieu, J.P., see J. Rubio	200 (1992) 559
Maluendes, S.A. and A.D. McLean, Ab initio predictions on the rotational spectra of carbon-chain carbene molecules	200 (1992) 511
Manaa, H., see R. Moncorge	200 (1992) 635
Marathe, V.R., see D. Mathur	200 (1992) 394
Martín, F., see J. Damas	200 (1992) 587
Martin, J.M.L. and T.J. Lee, Accurate ab initio quartic force fields for borane and BeH_2	200 (1992) 502
Martin, M., see L. Krim	200 (1992) 267
Masuhara, H., see M. Yanagimachi	200 (1992) 469
Mathur, D., K. Nagesha and V.R. Marathe, Dissociation of doubly charged SH radicals. An experimental and theoretical study	200 (1992) 394
Matsumi, Y., see S. Hashimoto	200 (1992) 624
May, V., D. Suiskey, M. Chergui and N. Schwentner, Theoretical description of interference effects in the absorption spectra of NO in rare-gas matrices	200 (1992) 325
Mazza, F., see A. Panatta	200 (1992) 130
McCaffrey, J.G., see L. Krim	200 (1992) 267
McCann, J.F., see A.D. Bandrauk	200 (1992) 399
McCoustra, M.R.S., M. Hippler and J. Pfab, The 355 nm laser photolysis of jet-cooled methyl nitrite (CH_3ONO). Internal energy distributions of the NO fragment	200 (1992) 451

McLean, A.D., see S.A. Maluendes	200 (1992) 511
McPherson, G.L., see A. Gharavi	200 (1992) 279
Mehring, M., see M. Bennati	200 (1992) 440
Meier, C., see T. Baumert	200 (1992) 488
Meijer, G., see M. Drabbels	200 (1992) 108
Meltsin, A., see E. Bart	200 (1992) 592
Mendels, P., see V. Storchak	200 (1992) 546
Meyer, H., see W. Haiss	200 (1992) 343
Meyer, Y., see L. Krim	200 (1992) 267
Milošević, S., see M.C. Van Hemert	200 (1992) 97
Misra, T.N., see U.K. Sarkar	200 (1992) 55
Mitchell, D.J., see R. Kjellander	200 (1992) 76
Mittal, J.P., see A. Kumar	200 (1992) 283
Miyatake, M., see Y. Harima	200 (1992) 263
Moncorge, R., H. Manaa and A.A. Kaminskii, Spectroscopic investigation of the chromium-doped LiNbGeO ₅ laser crystal	200 (1992) 635
Morosi, G., see D. Bressanini	200 (1992) 333
Morris, G.D., see V. Storchak	200 (1992) 546
Moses, D., see C. Halvorson	200 (1992) 364
Nagashima, H., see Y. Saito	200 (1992) 643
Nagesha, K., see D. Mathur	200 (1992) 394
Nagy, I.P. and J.A. Pojman, Measurement of temperature profiles of chemical waves by thermocolor imaging	200 (1992) 147
Naik, P.D., see A. Kumar	200 (1992) 283
Närmann, A., see K. Schmidt	200 (1992) 465
Neuhauser, D., Reactive scattering with absorbing potentials in general coordinate systems	200 (1992) 173
Ng, A.K.F., see B. Wegewijs	200 (1992) 357
Nichols, R.J., see W. Haiss	200 (1992) 343
Nielsen, O.J., see T. Ellermann	200 (1992) 224
Norris, J.R., see L.X. Chen	200 (1992) 290
Nowicki, P., see W. Hüttner	200 (1992) 342
Ohashi, Y., see T. Sugano	200 (1992) 235
Ohkohchi, M., see Y. Saito	200 (1992) 643
Pal, A.J., see U.K. Sarkar	200 (1992) 55
Panatta, A., V.M. Coiro and F. Mazza, Anisometry of sodium dodecyl sulfate micelles by ESR investigation	200 (1992) 130
Papavassiliou, G.C. and V.M. Yartsev, On the modification of the optical properties of the TCNQ ion-radical salts by mechanical grinding	200 (1992) 209
Petsalakis, I.D. and G. Theodorakopoulos, Theoretical calculations on the Rydberg states of H ₂ S	200 (1992) 387
Pfah, J., see M.R.S. McCoustra	200 (1992) 451
Pichler, G., see M.C. Van Hemert	200 (1992) 97
Plesser, T., H. Wilke and K.H. Winters, Interaction of chemical waves with convective flows induced by density gradients. A comparison between experiments and computer simulations	200 (1992) 158

Poblet, J.M., see M. Costas	200 (1992) 8
Pojman, J.A., see I.P. Nagy	200 (1992) 147
Potter, E.D., Q. Liu and A.H. Zewail, Femtosecond reaction dynamics in macroclusters. Effect of solvation on wave-packet motion	200 (1992) 605
Povill, A., see J. Rubio	200 (1992) 559
Prass, B. and D. Stehlik, Comment on "Generalized golden rule treatment of a photochemical solid-state reaction involving hydrogen tunneling"	200 (1992) 429
Procacci, P., see G. Cardini	200 (1992) 39
Pütz, B., see D. Barsky	200 (1992) 88
Qiu, P., see L. Krim	200 (1992) 267
Rabalais, J.W., see C.D. Roux	200 (1992) 60
Radom, L., see A.P. Scott	200 (1992) 15
Rahman, M.A., see G. Jones II	200 (1992) 241
Rama Rao, K.V.S., see A. Kumar	200 (1992) 283
Ranasinghe, Y.A. and B.S. Freiser, Gas-phase photodissociation of $MC_2H_2^+$ ($M=Sc, Y, La$). Determination of $D^0(M^+-C_2H_2)$	200 (1992) 135
Randall, R.W., C.-C. Chuang and M.I. Lester, Electronic spectroscopy probe of $NH(c^1\Pi, a^1\Delta) + Ar$ complexes	200 (1992) 113
Rettschnick, R.P.H., see B. Wegewijs	200 (1992) 357
Richard, S., see D. Bakowies	200 (1992) 411
Richards, G.M., see R.Y. Dong	200 (1992) 541
Rösch, N., see O.D. Häberlen	200 (1992) 418
Roux, C.D., H. Bu and J.W. Rabalais, Sulfur inhibition of the oxygen-induced reconstruction of the $Ni\{110\}$ surface	200 (1992) 60
Rubio, J., A. Povill, F. Illas and J.P. Malrieu, A numerical test on the size consistency of some multireference configuration interaction approaches	200 (1992) 559
Saini, R.D., see Z. Zhang	200 (1992) 230
Saito, Y., M. Inagaki, H. Shinohara, H. Nagashima, M. Ohkohchi and Y. Ando, Yield of fullerenes generated by contact arc method under He and Ar: dependence on gas pressure	200 (1992) 643
Sakai, Y., see T. Sugano	200 (1992) 235
Salvi, P.R., see G. Cardini	200 (1992) 39
Sandler, P., see C. Lifshitz	200 (1992) 406
Sandler, P., C. Lifshitz and C.E. Klotz, Kinetics of dissociation and thermionic emission in the C_{60} and C_{70} molecules	200 (1992) 445
Sarkar, U.K., S. Chakrabarti, T.N. Misra and A.J. Pal, A comparative study of SERS from α -sexithiophene and other thiophene oligomers	200 (1992) 55
Sasaki, K., see K. Komaguchi	200 (1992) 580
Sass, J.K., see W. Haiss	200 (1992) 343
Sato, H., see T. Kaya	200 (1992) 435
Schaefer III, H.F., see J.G.G. Simon	200 (1992) 631
Schettino, V., see G. Cardini	200 (1992) 39, 552
Schlathölter, T., see K. Schmidt	200 (1992) 465
Schmidt, K., T. Schlathölter, A. Närmann and W. Heiland, Dissociative scattering of hydrogen from $Pd(110)$ and $Pd(110)+K$	200 (1992) 465

Schmidt, M.W., see S. Koseki	200 (1992) 303
Schneider, J.W., see V. Storchak	200 (1992) 546
Schoeller, W.W., see T. Busch	200 (1992) 26
Schoeniger, J., see D. Barsky	200 (1992) 88
Schriever, U., see T. Hebert	200 (1992) 258
Schulten, K., see D. Barsky	200 (1992) 88
Schweig, A., see J.G.G. Simon	200 (1992) 459, 631
Schwentner, N., see V. May	200 (1992) 325
Scott, A.P. and L. Radom, Cyclopentadienylideneketene: theoretical confirmation of a key infrared band	200 (1992) 15
Seeger, S., see P. Botschwina	200 (1992) 651
Senba, M., see V. Storchak	200 (1992) 546
Shamshev, D.P., see N.N. Kudriavtsev	200 (1992) 640
Shi, Z., S. Wei, J.V. Ford and A.W. Castleman Jr., Clathrate structures in water-methanol mixed clusters	200 (1992) 142
Shinohara, H., see T. Kaya	200 (1992) 435
Shinohara, H., see Y. Saito	200 (1992) 643
Shiotani, M., see K. Komaguchi	200 (1992) 580
Shirsat, R.N., S.V. Bapat and S.R. Gadre, Molecular electrostatics. A comprehensive topographical approach	200 (1992) 373
Siciliano, A., see V. Magnasco	200 (1992) 337
Simon, J.G.G., H. Specht and A. Schweig, HeI photoelectron spectrum of <i>o</i> -benzyne between 8.5 and 14.5 eV	200 (1992) 459
Simon, J.G.G., A. Schweig, Y. Xie and H.F. Schaefer III, The UV/VIS and IR absorption spectra of benzocyclopropanone in solid argon at 12 K	200 (1992) 631
Skov, H., see T. Ellermann	200 (1992) 224
Smedarchina, Z., see L. Lavtchieva	200 (1992) 432
Smith, I.W.M., R.P. Tuckett and C.J. Whitham, The vibrational state distributions in both products of the reaction: $O(^3P) + NO_2 \rightarrow O_2 + NO$	200 (1992) 615
Soep, B., see L. Krim	200 (1992) 267
Solgadi, D., see L. Krim	200 (1992) 267
Specht, H., see J.G.G. Simon	200 (1992) 459
Staley, S.W. and J.T. Strnad, π^* negative ion resonance states of (E)- and (Z)-1,3,5-hexatriene. Prediction of electron affinities near threshold	200 (1992) 527
Stehlik, D., see B. Prass	200 (1992) 429
Stenland, C., see B.L. Bales	200 (1992) 475
Stock, G., C. Woywod and W. Domcke, Model study on the real-time detection of ultrafast nonadiabatic dynamics associated with the Wulf-Chappuis bands of ozone	200 (1992) 163
Stolte, S., see M. Drabbels	200 (1992) 108
Storchak, V., G.D. Morris, K. Chow, W.N. Hardy, J.H. Brewer, S.R. Kreitzman, M. Senba, J.W. Schneider and P. Mendels, Muon-nuclear quadrupolar level crossing resonance in solid nitrogen. Evidence for $N_2\mu^+$ ion formation	200 (1992) 546
Strnad, J.T., see S.W. Staley	200 (1992) 527
Subramanian, G. and E.D. Jemmis, Structure and stabilities of the isomers of SiB_2H_4	200 (1992) 567
Sugano, T., M. Tamura, M. Kinoshita, Y. Sakai and Y. Ohashi, Ferromagnetic intermolecular interaction in an organic radical 3-quinolyl nitronyl nitroxide (3-QNNN)	200 (1992) 235
Suisky, D., see V. May	200 (1992) 325

- Sukhov, A.M., see N.N. Kudriavtsev 200 (1992) 640
- Sulkes, M., see S. Arnold 200 (1992) 125
- Talanina, I.B., M.A. Collins, L. Dubicki and E. Krausz, Electrochromism for doubly degenerate states. Application to $\text{Ru}(\text{diimine})_3^{2+}$ complexes 200 (1992) 318
- Tamai, N., see M. Yanagimachi 200 (1992) 469
- Tamura, M., see T. Sugano 200 (1992) 235
- Temme, F.P., Dodecahedranes and the significance of nuclear spin statistics for substructures under $\text{SU}(m)^4\text{SO}(3) \times \mathcal{H}_{20}$ duality, within the specialised Racah symmetry chains for NMR 200 (1992) 534
- Theodorakopoulos, G., see I.D. Petsalakis 200 (1992) 387
- Thiel, W., see D. Bakowies 200 (1992) 411
- Thurnauer, M.C., see L.X. Chen 200 (1992) 290
- Tosi, P., O. Dmitrijev and D. Bassi, The charge transfer reaction $\text{Ar}^+ + \text{N}_2 \rightarrow \text{N}_2^+ + \text{Ar}$. Crossed-beam measurements of the integral cross section as a function of the collision energy 200 (1992) 483
- Tuckett, R.P., see I.W.M. Smith 200 (1992) 615
- Van Hemert, M.C., D. Azinović, X. Li, S. Milošević, G. Pichler and R. Dören, Blue-green bands of LiCd 200 (1992) 97
- Vatsa, R.K., see A. Kumar 200 (1992) 283
- Verhoeven, J.W., see B. Wegewijs 200 (1992) 357
- Visticot, J.P., see L. Krim 200 (1992) 267
- Wang, C.Z., see X.-Q. Wang 200 (1992) 35
- Wang, X.-Q., C.Z. Wang, B.L. Zhang and K.M. Ho, Relative stability of C_{78} isomers 200 (1992) 35
- Wang, Y. and N. Herron, Photoconductivity of CdS nanocluster-doped polymers 200 (1992) 71
- Wang, Y. and W.A. Chupka, Prescription for preparation of molecular ions in selected rotational states 200 (1992) 192
- Watts, J.D., J. Gauss and R.J. Bartlett, Open-shell analytical energy gradients for triple excitation many-body, coupled-cluster methods: MBPT(4), CCSD+T(CCSD), CCSD(T), and QCISD(T) 200 (1992) 1
- Wegewijs, B., A.K.F. Ng, R.P.H. Rettschnick and J.W. Verhoeven, A dramatic effect of the donor ionization potential on the apparent barrier to intramolecular exciplex formation in jet-cooled, bichromophoric molecules 200 (1992) 357
- Wei, S., see Z. Shi 200 (1992) 142
- Whitham, C.J., see I.W.M. Smith 200 (1992) 615
- Wilke, H., see T. Plesser 200 (1992) 158
- Winters, K.H., see T. Plesser 200 (1992) 158
- Wolfrum, J., see M. Köllner 200 (1992) 199
- Woywod, C., see G. Stock 200 (1992) 163
- Xie, Y., see J.G.G. Simon 200 (1992) 631
- Yamashita, K., see Y. Harima 200 (1992) 263
- Yanagimachi, M., N. Tamai and H. Masuhara, Solvation dynamics of a coumarin dye at liquid-solid interface layer. Picosecond total internal reflection fluorescence spectroscopic study 200 (1992) 469

Yang, X. and P.J. Dagdigan, Reactions of electronically excited boron atoms. Quenching rate constants and the radiative lifetime of the $4p^2P$ state	200 (1992) 217
Yartsev, V.M., see G.C. Papavassiliou	200 (1992) 209
Zadoyan, R., see M.W. Hill	200 (1992) 251
Zewail, A.H., see E.D. Potter	200 (1992) 605
Zhang, B.L., see X.-Q. Wang	200 (1992) 35
Zhang, R. and P.B. Comita, Deposition of platinum from $Pt(PF_3)_4$ on atomically clean platinum surfaces	200 (1992) 297
Zhang, Z., R.D. Saini, M.J. Kurylo and R.E. Huie, Rate constants for the reactions of the hydroxyl radical with $CHF_2CF_2CF_2CHF_2$ and $CF_3CHFCHFCF_2CF_3$	200 (1992) 230
Zusman, L.D., Electron transfer from resonance valence bond superconductor to reagent in solution	200 (1992) 379

